



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 380-T8-3L-4.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-1995  
[TEST] LDPI LIGHTING PHOTOMETRIC REPORT  
[LUMINAIRE] PROJECT: 380-T8-3L-4 CAST ALUMINUM BALLAST HOUSING AND HUB ASSEMBLIES.  
[LUMINAIRE] WHITE POWDER COATED ALUMINUM REFLECTORS. CYLINDRICAL GLASS LAMP ENCLOSURES.  
[LUMINAIRE] LAMP TUBES ORIENTED HORIZONTALLY.  
[LAMP] F32T8/TL850 2950 LUMENS

**CHARACTERISTICS**

Total Rated Lamp Lumens	8550 (3 lamps)
Total Luminaire Efficiency	84.9 %
CIE Type	Direct
Spacing Criteria (0-180)	1.26
Spacing Criteria (90-270)	1.34
Spacing Criteria (Diagonal)	1.44
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.42 ft
Luminous Width (90-270)	1.07 ft
Luminous Height	0.26 ft

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4331	4141	4280
55	4032	3981	4417
65	3631	3958	4531
75	2952	3794	4394
85	1157	1927	2243

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 380-T8-3L-4.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-30	1689.92	19.8	23.3
0-40	2808.82	32.9	38.7
0-60	5191.1	60.7	71.5
0-90	7262.36	84.9	100
90-120	0	0	0
90-130	0	0	0
90-150	0	0	0
90-180	0	0	0
0-180	7262.36	84.9	100

Total Luminaire Efficiency = 84.9%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	201.94
10-20	585.57
20-30	902.41
30-40	1118.9
40-50	1207.2
50-60	1175.08
60-70	1036.48
70-80	752.63
80-90	282.16
90-100	0
100-110	0
110-120	0
120-130	0
130-140	0
140-150	0
150-160	0
160-170	0
170-180	0

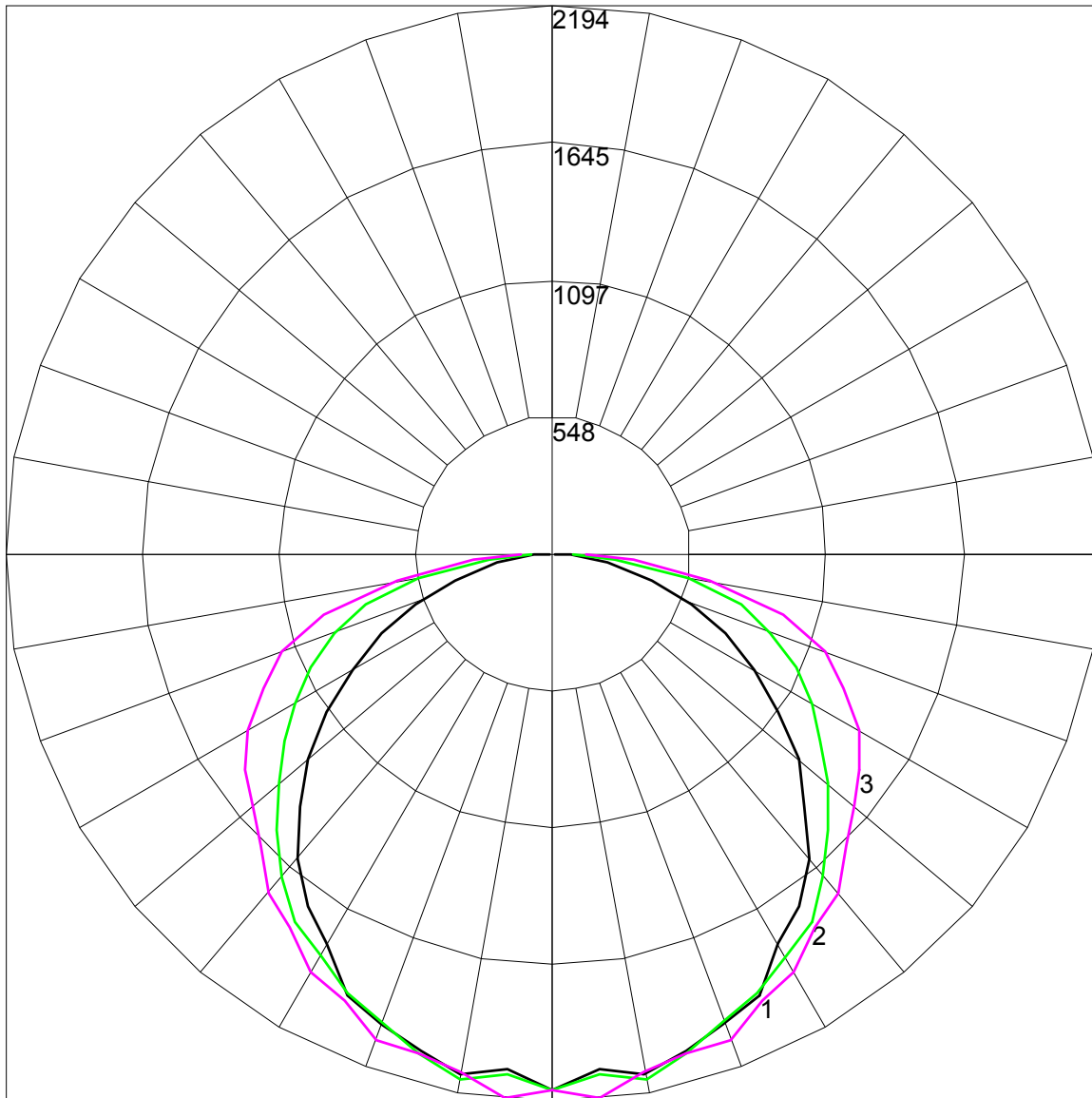
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 380-T8-3L-4.IES**

**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0	
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	101	101	101	101	101	99	99	99	99	94	94	94	90	90	90	87	87	87	85
1	91	86	82	78	89	84	80	77	81	77	75	77	75	72	74	72	70	78	68
2	82	74	68	62	80	72	66	61	69	64	60	66	62	59	64	60	57	55	55
3	74	64	57	51	72	63	56	50	60	54	49	58	53	48	56	51	48	46	46
4	68	57	49	42	66	55	48	42	53	47	41	51	45	41	49	44	40	38	38
5	62	50	42	36	60	49	42	36	47	41	35	46	40	35	44	39	35	33	33
6	57	45	37	31	55	44	37	31	43	36	31	41	35	31	40	34	30	28	28
7	53	41	33	27	51	40	33	27	39	32	27	37	31	27	36	31	27	25	25
8	49	37	30	24	48	36	29	24	35	29	24	34	28	24	33	28	24	22	22
9	46	34	27	22	45	33	26	22	32	26	22	31	26	21	31	25	21	20	20
10	43	31	24	20	42	31	24	20	30	24	20	29	23	19	28	23	19	18	18

POLAR GRAPH



Maximum Candela = 2193.93 Located At Horizontal Angle = 90, Vertical Angle = 5

- # 1 - Vertical Plane Through Horizontal Angles (0 - 180)
- # 2 - Vertical Plane Through Horizontal Angles (45 - 225)
- # 3 - Vertical Plane Through Horizontal Angles (90 - 270)